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**EFEK FRAKSI LARUT AIR EKSTRAK ETANOL 50% KEMUNING
(*Murraya paniculata* (L.) Jack) TERHADAP BERAT BADAN
TIKUS BETINA DIET LEMAK TINGGI**

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ABSTRACT

Obesity is considered as a health problem that can promote the risks of getting disease, being not active and death. In some developing countries, many traditional therapies are applied for some diseases, including obesity. Kemuning (*Murraya paniculata* (L.) Jack) has been commonly known as slimming potion. In present, kemuning leaf is used as ingredient of traditional medicine formula, indicated as slimming potion. Former researcher mentioned that 30% ethanol-kemuning extract had been able to reduce triglycerid content in the blood reduce cholesterol content in blood serum of male Wistar furrow white rat (*Rattus norvegicus*). This research is proposed to examine the effect of water soluble fraction of 50% ethanol-kemuning extract to female Wistar furrow white rat body weight which given high fat diet and to compare the effect with anorextica (mazindol). Tested animal are divided into 6 groups, each group contain 5 rats. Group I as negative control is given 0,5% CMC Na solution. Group II as positive control is given 0,27 mg/kgBody Weight mazindol suspension. Group III is given 50% ethanol-kemuning extract suspension with 475 mg/kg BW dosage. Group IV is given watersoluble fraction suspension of kemuning extract dosage I that is 145 mg/kgBW. Group V is given watersoluble fraction suspension of kemuning extract dosage II that is 295 mg/kgBW. Group VI is given dose III that is 585 mg/kgBW. The suspension is given orally with repeated dosage. Data collected are the increase of body weight, woof consumption and drinking consumption. Body weight and woof consumption increases are analyzed by one-way Anava with 90% significancy level. Research result shows that water soluble fraction of 50% ethanol-kemuning extract with 585 mg/kgBW dosage and positive control (mazindol) are able to obstruct rat body weight increase significancy ($p < 0,10$) compared to negative control group.

Keys word : *Murraya paniculata* (L.) Jack, obesity, antiobesity